

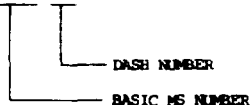
APPROVED 18 SEP 68 REVISED (A) 15 OCT 87

FED SUP CLASS  
5305

## REQUIREMENTS:

1. MATERIAL: CARBON STEEL, GRADE 1013 (UNS G10130) TO GRADE 1022 (UNS G10220) AND CORROSION-RESISTANT STEEL, 300 SERIES IN ACCORDANCE WITH PROCUREMENT SPECIFICATION.
2. CLEANED, DESCALED AND PASSIVATED: CORROSION-RESISTANT STEEL SCREWS SHALL BE CLEANED, DESCALED AND PASSIVATED IN ACCORDANCE WITH ASTM A380.
3. PROTECTIVE COATING AND SURFACE TREATMENT: CARBON STEEL SCREWS SHALL BE CADMIUM PLATED IN ACCORDANCE WITH PROCUREMENT SPECIFICATION.
4. MAGNETIC PERMEABILITY: CORROSION-RESISTANT STEEL SCREWS SHALL MEET THE MAGNETIC PERMEABILITY REQUIREMENTS OF THE PROCUREMENT SPECIFICATION.
5. THREADS: THREADS SHALL BE IN ACCORDANCE WITH FED-STD-H28/2. ACCEPTABILITY OF SCREW THREADS SHALL BE IN ACCORDANCE WITH FED-STD-H28/20, SYSTEM 21.
6. THREAD LENGTH: SCREWS SHALL HAVE FULL FORM THREADS EXTENDING TO WITHIN TWO THREADS OF THE BEARING SURFACE OF THE HEAD.
7. PART NUMBER: THE PART NUMBER SHALL CONSIST OF THE BASIC MS NUMBER, FOLLOWED BY A DASH NUMBER FROM TABLE I.

EXAMPLE: MS51849-31C



MS51849-31C INDICATES - SCREW, MACHINE-STEEL, HEXAGON HEAD, SLOTTED, .138-32UNC-2A NOMINAL SIZE, .25 NOMINAL LENGTH, CORROSION-RESISTANT STEEL.

## NOTES:

1. ALL DIMENSIONS ARE IN INCHES.
2. IN THE EVENT OF A CONFLICT BETWEEN THE TEXT OF THIS STANDARD AND THE REFERENCES CITED HEREIN, THE TEXT OF THIS STANDARD SHALL TAKE PRECEDENCE.
3. REFERENCED GOVERNMENT (OR NON-GOVERNMENT) DOCUMENTS OF THE ISSUE LISTED IN THAT ISSUE OF THE DEPARTMENT OF DEFENSE INDEX OF SPECIFICATIONS AND STANDARDS (DODISS) SPECIFIED IN THE SOLICITATION FORM A PART OF THIS STANDARD TO THE EXTENT SPECIFIED HEREIN.

USER ACTIVITIES:  
ARMY-CR, GL

REVIEWER ACTIVITIES:  
ARMY-AT, AV, ME, MI  
DLA-IS

This military standard is approved for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document when applicable.

P.A. <b>ARMY-AR</b>	INTERNATIONAL INTEREST	TITLE <b>SCREW, MACHINE-STEEL, HEXAGON HEAD, SLOTTED, UNF-2A AND UNC-2A</b>	<b>MILITARY STANDARD</b>
Other Cust <b>NAVY-SH AIR FORCE-99</b>			<b>MS51849</b>
PROCUREMENT SPECIFICATION <b>FF-S-92</b>	SUPERSEDES:	PAGE <b>2</b>	OF <b>2</b>